

Common Abbreviations

abandoned	Abn	begin	Beg
abutment	Abut	bench mark	BM
acres	Ac	bikeway	Bkwy
adjusted	Adj	bituminous	Bit
aggregate	Aggr	block	Blk
ahead	Ahd	board feet	Bd Ft
air release valve	ARV	bore hole	BH
alignment	Align	both sides	BS
alley	Al	bottom	Bot
alternate	Alt	Boulevard	Blvd
aluminum	Alum	boundary	Bndry
Americans with Disabilities Act	ADA	brass cap	BC
ampere	A	breakaway	Brkwy
and	&	bridge	Br
approach	Appr	building	Bldg
approximate	Approx	butterfly valve	BV
asbestos cement pipe	ACP	bypass	Byp
asphalt	Asph	cable guardrail	C Gdrl
asphalt cement	AC	calculate	Calc
assumed	Assmd	candela	Cd
at	@	cast iron pipe	CIP
attenuation	Atten	catch basin	CB
automatic traffic recorder	ATR	cationic rapid setting	CRS
Avenue	Ave	cattle guard	C Gd
average	Avg	center to center	C To C
average daily traffic	ADT	centerline	Cl
azimuth	Az	centimeter	Cm
back	Bk	chain	Ch
back face	BF	chain-link	Chnlk
backsight	Bs	channel block	Ch Blk
balcony	Balc	channel change	Ch Ch
barbed wire	B Wire	check	Chk
barricade	Barr	chiseled	Chsld
battery	Btry	circle	Cir
bearing	Brg	class	Cl
beehive inlet	BI	clay	Cl

clay fill	Cl F	crossing	Xing
clay heavy	Cl Hvy	Crossroad	Xrd
clay loam	Cl Lm	crown	Crn
clean-out	Clnt	cubic feet	CF
clear	Clr	cubic meter	M3
clearing & grubbing	Cl&gr	cubic meters per second	M3/s
coal slack	Co S	cubic yard	CY
combination	Comb.	cubic yards per mile	Cy/mi
commercial	Coml	culvert	Culv
compression	Compr	curb & gutter	C&G
computer aided drafting & design	CADD	curb inlet	CI
concrete	Conc	curb ramp	CR
conductor	Cond	curve to spiral	CS
construction	Const	cut	C
continuous	Cont	dead load	Dd Ld
continuous split barrel sample	CSB	deflection	Defl
contraction	Contr	deformed	Defm
contractor	Contr	degree	Deg or D
control point	CP	delineate	Dlnt
coordinate	Coord	delineator	Dlntr
corner	Cor	depression	Depr
corrected	Corr	description	Desc
corrugated aluminum end section	CAES	detail	Det
corrugated aluminum pipe	CAP	detectable warning panel	DWP
corrugated metal end section	CMES	detour	Dtr
corrugated metal pipe	CMP	diameter	Dia
corrugated poly-vinyl chloride pipe	CPVCP	direction	Dir
corrugated steel end section	CSES	distance	Dist
corrugated steel pipe	CSP	disturbed material	DM
coulomb	C	ditch block	DB
County	Co	ditch grade	DG
course	Crse	double	Dbl
course gravel	C Gr	down	Dn
course sand	CS	drawing	Dwg
Court	Ct	drive	Dr
cross arm	Xarm	driveway	Drwy
cross buck	Xbuck	drop inlet	DI
cross sections	Xsec	dry density	D

each	Ea	fine aggregate angularity	FAA
easement	Esmt	fine sand	FS
East	E	fire hydrant	FH
Eastbound	EB	flange	Fl
elastomeric	Elast	flared	Flrd
electric locker	EL	flared end section	FES
electric meter	E Mtr	flashing beacon	F Bcn
electric/al	Elec	flight auger sample	FA
electronic distance meter	EDM	flow line	FL
elevation	Elev or El	footing	Ftg
elliptical	Ellipt	force main	FM
embankment	Emb	foresight	Fs
emulsion/emulsified	Emuls	found	Fnd
end section	ES	foundation	Fdn
engineer	Engr	fractional	Frac
environmental sensor station	ESS	freeway	Frwy
equal	Eq	front	Frt
equation	Eq	front face	FF
evergreen	Evgr	fuel dispenser	F Disp
excavation	Exc	fuel filler pipes	FFP
existing	Exst	fuel leak sensor	FLS
expansion	Exp	furnish/ed	Furn
Expressway	Expy	gallon	Gal
external of curve	E	galvanized	Galv
extruded	Extru	garage	Gar
factor of safety	FOS	gas line	Gs L
Fahrenheit	F	gas line regulator	G Reg
far side	FS	gas main valve	GMV
farad	F	gas meter	G Mtr
Federal	Fed	gas service valve	GSV
feed point	FP	gas vent pipe	GVP
feet/foot	Ft	gate valve	GV
fence	Fn	gauge	Ga
fence post	Fn P	geodetic	Geod
fiber optic	FO	Geographical Information System	GIS
field book	FB	giga	G
field drive	FD	Global Positioning System	GPS
fill	F	government	Gov

graded/grade	Grd	joule	J
gravel	Gr	junction	Jct
ground	Grnd	kelvin	K
ground water monitor	GWM	kilo newton	Kn
guardrail	Gdrl	kilo pascal	Kpa
gutter	Gtr	kilogram	Kg
H piling	H Plg	kilogram per cubic meter	Kg/m3
headwall	Hdwl	kilometer	Km
hectare	Ha	Kip(s)	K
height	Ht	Land Surveyor (licensed)	LS
height of instrument	HI	Land Surveyor In Training	LSIT
helical	Hel	lane	Ln
henry	H	large	Lg
hertz	Hz	latitude	Lat
high density polyethylene	HDPE	left	Lt
high mast	HM	length of curve	L
high pressure	HP	lenses	Lens
high pressure sodium	HPS	level	Lvl
highway	Hwy	level book	LB
horizontal	Hor	leveling	Lvlng
hot bituminous pavement	HBP	light	Lht
hour(s)	Hr	light pole	LP
hydrant	Hyd	lighting	Ltg
hydrogen ion content	Ph	lignite coal	Lig Co
identification	Id	lignite slack	Lig Sl
inch	In or "	linear foot	LF
inclinometer tube	Incl	liquid	Liq
inlet manhole	IMH	liquid limit	LL
inside diameter	ID	litre	L
instrument	Inst	loam	Lm
interchange	Intchg	location	Loc
intermediate	Intmdt	long chord	LC
intersection	Intscn	longitude	Long.
invert	Inv	loop	Lp
iron monument	IM	loop detector	LD
Iron Pin	I Pn	lumen	Lm
iron Pipe	IP	luminaire	Lum
joint	Jt	lump sum	L Sum

lux	Lx	neoprene	Neop
main line	ML	network	Ntwk
man hour	M Hr	newton	N
manhole	MH	North	N
marked	Mkd	North East	NE
marker	Mkr	North West	NW
marking	Mkg	Northbound	NB
mast arm	MA	number	No. or #
material	Matl	obscure(d)	Obsc
maximum	Max	observation	Obsn
meander corner	MC	occupied	Ocpd
measure	Meas	occupy	Ocpy
median	Mdn	office location	Off Loc
median drain	MD	offset	O/s
medium curing	MC	on center	OC
mega	M	one dimensional consolidation	C
meridian	Mer	organic content	OC
meter	M	original	Orig
meters per second	M/s	out to out	O To O
mid ordinate of curve	M	outside diameter	OD
mile	Mi	overhead	OH
mile marker	MM	pad mounted transformer	PMT
mile post	MP	pages	Pg
milliliter	ml	painted	Pntd
millimeter	Mm	pair	Pr
millimeters per hour	Mm/hr	panel	Pnl
minimum	Min	park	Pk
miscellaneous	Misc	Parker-Kalon nail	PK
monument	Mon	pascal	Pa
mound	Mnd	passing sight distance	PSD
mountable	Mtbl	pavement	Pvmt
mounted	Mtd	pedestal	Ped
mounting	Mtg	pedestrian	Ped
muck	Mk	pedestrian pushbutton post	PPP
municipal	Mun	penetration	Pen.
nano	N	perforated	Perf
National Geodetic Survey	NGS	perimeter	Per.
near side	NS	pipeline	PL

place	Pl	random traverse point	RTP
plan & profile	P&P	range	Rge or R
plastic limit	PL	rapid curing	RC
plate	Pl	record	Rec
point	Pt	recycle	Rcy
point of compound curve	PCC	recycled Portland cement concrete	RPCC
point of curve	PC	reference	Ref
point of intersection	PI	reference marker	R Mkr
point of reverse curvature	PRC	reference monument	RM
point of tangent	PT	reflectorized	Refl
point on curve	POC	reinforced concrete box	RCB
point on tangent	POT	reinforced concrete end section	RCES
polyethylene	PE	reinforced concrete pipe	RCP
polyvinyl chloride	PVC	reinforced concrete pipe sewer	RCPS
Portland Cement concrete	PCC	reinforcement	Reinf
pounds	Lb or #	reservation	Res
power pole	PP	retaining	Ret
preemption	Preempt	reverse	Rev
prefabricated	Prefab	right	Rt
preformed	Prfmd	right of way	R/W
preparation	Prep	river	Riv
pressure	Press.	road	Rd
pressure relief valve	PRV	road bed	Rdbd
prestressed	Prestr	roadway	Rdwy
private	Pvt	Roadway Weather Information Syste	RWIS
private drive	PD	rock	Rk
production/produce	Prod.	route	Rt
programmed	Prog	salvage(d)	Salv
property	Prop.	sand	Sd
property line	Prop Ln	sandy clay	Sdy Cl
proposed	Ppsd	sandy clay loam	Sdy Cl Lm
pull box	PB	sandy fill	Sdy Fl
quantity	Qty	sandy loam	Sdy Lm
quarter	Qtr	sanitary sewer line	San
radius	Rad or R	scoria	Sc
railroad	RR	seconds	Sec
railway	Rlwy	section	Sec
raised	Rsd	section line	SL

separation	Sep	standard	Std
sequence	Seq	standard penetration test	N
service	Serv	Standard Specifications	Std Specs
shale	Sh	station	Sta
sheet	Sht	station yards	Sta Yd
sheeting	Shtng	steam line	Stm L
shoulder	Shldr	steel encased concrete	SEC
sidewalk	Sw	stopping sight distance	SSD
siemens	S	storm drain	SD
sight distance	SD	street	St
signal	Sig	structural plate pipe	SPP
silt clay	Si Cl	structural plate pipe arch	SPPA
silty clay loam	Si Cl Lm	structure	Str
silty loam	Si Lm	subdivision	Subd
single	Sgl	subgrade	Sub
slow curing	SC	subgrade preparation	Sub Prep
slow setting	SS	subsoil	Ss
small	Sm	superelevation	SE
South	S	supplement specification	SS
South East	SE	supplemental	Supp
South West	SW	surfacing	Surf
Southbound	SB	survey	Surv
spaces	Sp	symmetrical	Sym
special	Spcl	Systems International	SI
special provisions	SP	tangent	Tan
specific gravity	G	tangent (semi)	T
spike	Spk	tangent to spiral	TS
spiral to curve	SC	telephone	Tel
spiral to tangent	ST	telephone booth	Tel B
split barrel sample	SB	telephone pole	Tel P
sprinkler head	SH	television	Tv
sprinkler valve	SV	temperature	Temp
square	Sq	temporary	Temp
square feet	SF	temporary bench mark	TBM
square kilometer	Km2	tesla	T
square meter	M2	thinwall tube sample	T
square yard	SY	tons per mile	T/mi
stake	Stk	topsoil	Ts

township	Twp or T	water well	WW
traffic	Traf	watt	W
traffic signal control box	TSCB	wearing	Wrng
trail	Tr	weber	Wb
transformer	Transf	Weigh In Motion	WIM
transit book	TB	West	W
transition	Trans	Westbound	WB
transmission tower	TT	wiring	Wrng
transverse	Trans	with	W/
traverse	Trav	without	W/o
traverse point	TP	witness corner	WC
treated	Trtd	World Geodetic System	WGS
treatment	Trmt	zenith	Z
triaxial compression	Qc		
tribal employment rights ordinance	TERO		
triple	Tpl		
turning point	TP		
typical	Typ		
unconfined compressive strength	Qu		
underground	Ugrnd		
US Coast & Geodetic Survey	USC&G		
US Geologic Survey	USGS		
utility	Util		
valley gutter	VG		
vapor	Vap		
vertical	Vert		
vertical curve	VC		
vitricified clay pipe	VCP		
volt	V		
volume	Vol		
walkway	Wkwy		
water content	W		
water gate valve	WGV		
water line	WL		
water main	WM		
water main valve	WMV		
water meter	W Mtr		
water service valve	WSV		